



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hidema Tanaka et al.

Serial No.: 10/762,653

Filed: January 21, 2004

For: CIPHER STRENGTH EVALUATION
APPARATUS

Patent Examiner:

Group Art Unit:

April 13, 2004

Irvine, California 92614

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

In an attempt to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97 and 1.98, applicant wishes to bring to the attention of the U.S. Patent Office the following references:

S.Moriai, T.Shimoyama, T.Kaneko, "Higher Order Attack of a CAST Cipher", Fast Software Encryption 1998, FSE-4th, LNCS.1372. 1998.

T.Shimoyama, S.Moriai, T.Kaneko and S.Tsuji, "Improved Higher Order Differential Attack and Its Application to Nyberg-Knudsen's Designed Block Cipher", IEICE TRANS. FUNDAMEN TALS, VOL.E82-A, NO 9 pp 1971-1980, 1999.

M.Matsui, "New Block Encryption Algorithm MISTY, "Fast Software Encryption 1997 FSE 1997, pp 54-67, 1997.

H.Tanaka, T.Kaneko, "An Attack of 6-round MISTY1 without FL functions", TECHMCALREPORT OF IEICE, pp. 53-59, 2002.

Copies of these references and a form PTO-A820 are attached.

If the Examiner believes that a telephone conference would help further the prosecution of this case, he is respectfully requested to contact the undersigned attorney at the listed telephone number.

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:
Commissioner for Patent, PO Box 1450,
Alexandria, VA 22313-1450 on April 13, 2004

by: James Lee

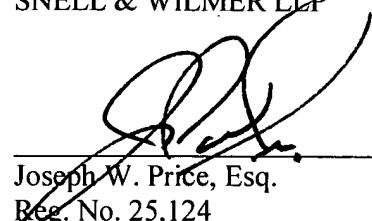


Signature

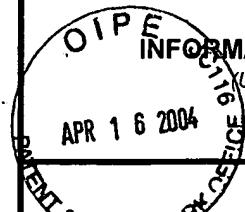
Date of Signature: April 13, 2004

Very truly yours,

SNELL & WILMER LLP



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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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43521-1600

SERIAL NO.

Hidema Tanaka et al.

FILING

01/21/2004

GROUP

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		S.Moriai, T.Shimoyama, T.Kaneko, "Higher Order Attack of a CAST Cipher", <i>Fast Software Encryption 1998, FSE-4th, LNCS. 1372</i> . 1998.
		T.Shimoyama, S.Moriai, T.Kaneko and S.Tsuji, "Improved Higher Order Differential Attack and Its Application to Nyberg-Knudsen's Designed Block Cipher", <i>IEICE TRANS. FUNDAMEN TALS, VOL.E82-A, NO 9 pp 1971-1980</i> , 1999.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO.		SERIAL NO.	
				43521-1600		10/762,653	
				Hidema Tanaka et al.			
				FILING 01/21/2004		GROUP	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
			M.Matsui,"New Block Encryption Algorithm MISTY,"Fast Software Encryption 1997 FSE 1997, pp 54-67, 1997.				
			H.Tanaka, T.Kaneko, "An Attack of 6-round MISTY1 without FL functions", TECHMCALREPORT OF IEICE, pp. 53-59, 2002				
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